Cc: Robert Law[rlaw@demaximis.com]; Mike Johns[MikeJ@windwardenv.com] From: Ruffle, Betsy Sent: Tue 12/24/2013 4:16:01 AM Subject: RE: NBSA clam/crab QAPP Cmts Privileged and Confidential - Prepared at Request of Counsel Eugenia, An additional comment that AECOM raises is the very small proposed sample size for crab. While the QAPP states that this is intended to be a initial, preliminary sampling effort with supplemental data to be collected in 2014, one sample per area for a total of 8 samples may be too limited to be meaningful. For comparison, CPG analyzed 41 muscle & hepatopancreas samples, 21 muscle only samples, 24 carcass samples, and 7 hepatopancreas only samples. Best regards and Happy Holidays! Betsy **Betsy Ruffle** Senior Risk Scientist Environment D 978.905.2377 M 978.621.2546 betsy.ruffle@aecom.com **AECOM** 250 Apollo Drive Chelmsford, MA 01824

Lisa Saban[LisaS@windwardenv.com]; Naranjo, Eugenia[Naranjo.Eugenia@epa.gov]

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From: Lisa Saban [mailto:LisaS@windwardenv.com]

Sent: Monday, December 23, 2013 3:56 PM

To: Naranjo.Eugenia@epa.gov

**Cc:** Robert Law; Mike Johns; Ruffle, Betsy **Subject:** NBSA clam/crab QAPP Cmts

Hello Eugenia, attached are Windward's comments on the Tierra clam/crab QAPP for the NBSA. Regards and Happy Holidays!

Lisa Saban

Partner

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